

## Author index

	number	page
Anderson, O. Roger— <i>see</i> : Bé, Allan W. H., Hemleben, Christoph, Anderson, O. Roger, Spindler, Michael, Hacunda, John, and Tuntivate-Choy, Saijai		
1. Bé, Allan W. H., Hemleben, Christoph, Anderson, O. Roger, Spindler, Michael, Hacunda, John, and Tuntivate-Choy, Saijai— <i>Laboratory and field observations of living planktonic foraminifera</i>	2	155
2. Bé, Allan W. H., and Hutson, William H.— <i>Ecology of planktonic foraminifera and biogeographic patterns of life and fossil assemblages in the Indian Ocean</i>	4	369
Biscaye, Pierre E.— <i>see</i> : Saito, Tsunemasa, and Biscaye, Pierre E.		
3. Björklund, Kjell R.— <i>Actinomma haysi, n. sp., its Holocene distribution and size variation in Atlantic Ocean sediments</i>	1	114
4. Bolli, Hans M., and Krasheninnikov, Valery A.— <i>Problems in Paleogene and Neogene correlations based on planktonic foraminifera</i>	4	436
5. Boltovskoy, Esteban— <i>News report: Argentina</i>	4	485
6. Buchbinder, Binyamin— <i>Systematics and paleoenvironments of the calcareous algae from the Miocene (Tortonian) Tziqlag Formation, Israel</i>	4	415
7. Burbridge, Patricia Parks, and Felix, Charles J.— <i>Atopospora, a replacement name for Ceuthospira Burbridge and Felix, 1976, not Fries, 1825</i>	2	222
8. Burckle, Lloyd H., and McLaughlin, Robert B.— <i>Size changes in the marine diatom Coscinodiscus nodulifer A. Schmidt in the equatorial Pacific</i>	2	216
Clark, David L.— <i>see</i> : Joy, James A., and Clark, David L.		
9. Cramer, Fritz H., and Díez, M. d. C. R.— <i>Late Arenigian (Ordovician) acritarchs from Cis-Saharan Morocco</i>	3	339
Díez, M. d. C. R.— <i>see</i> : Cramer, Fritz H., and Díez, M. d. C. R.		
Doyle, R. S.— <i>see</i> : Edgerton, C. C., Doyle, P. S., and Riedel, W. R.		
Drugg, Warren S.— <i>see</i> : Stover, Lewis E., Sarjeant, William A. S., and Drugg, Warren S.		
10. Edgerton, C. C., Doyle, P. S., and Riedel, W. R.— <i>Ichthyolith age determinations of otherwise unfossiliferous Deep Sea Drilling Project cores</i>	2	194
11. Editors, The— <i>Announcement of a special publications series</i>	1	127
12. Editors, The— <i>Comments and errata</i>	2	233
13. Editors, The— <i>Comments and errata</i>	3	364
14. Editors, The— <i>Comments and errata</i>	4	484
15. Editors, The— <i>Directory of correspondents</i>	2	240
16. Editors, The— <i>Fifth International Symposium on Living and Fossil Diatoms</i>	4	469
17. Editors, The— <i>News report: Syrian Arab Republic</i>	2	239
18. Editors, The— <i>Notice: I Congreso Latinoamericano de Paleontología y II Congreso Argentino de Paleontología y Bioestratigrafía</i>	4	495
19. Editors, The— <i>Penrose Conference</i>	4	469
20. Erskian, Malcolm G., and Lipps, Jere H.— <i>Distribution of foraminifera in the Russian River estuary, northern California</i>	4	453
Felix, Charles J.— <i>see</i> : Burbridge, Patricia Parks, and Felix, Charles J.		
21. Gutiérrez, Fernando— <i>News report: Philippines</i>	4	494
Hacunda, John— <i>see</i> : Bé, Allan W. H., Hemleben, Christoph, Anderson, O. Roger, Spindler, Michael, Hacunda, John, and Tuntivate-Choy, Saijai		



	number 2	page 229
22. Hedberg, Hollis D.— <i>Response to review</i> Hemleben, Christoph—see: Bé, Allan W. H., Hemleben, Christoph, Anderson, O. Roger, Spindler, Michael, Hacunda, John, and Tuntivate-Choy, Saijai		
23. Hooper Kenneth— <i>Globotruncana dentata, a new species of planktonic foraminifer from the Toolonga Calcilutite of Western Australia</i> Hutson, William H.—see: Bé, Allan W. H., and Hutson, William H.	3	361
24. Jenkins, D. Graham— <i>Lower Miocene planktonic foraminifera from a borehole in the English Channel</i>	3	297
25. Joy, James A., and Clark, David L.— <i>The distribution, ecology and systematics of the benthic Ostracoda of the central Arctic Ocean</i>	2	129
26. Kennett, James P.— <i>Review</i>	4	483
27. King, Kenneth, Jr.— <i>Amino acid survey of Recent calcareous and siliceous deep-sea micro-fossils</i> Krasheninnikov, Valery A.—see: Bolli, Hans M., and Krasheninnikov, Valery A.	2	180
28. Lamolda, Marcos A.— <i>Three new species of planktonic foraminifera from the Turonian of northern Spain</i> Lipps, Jere H.—see: Erskian, Malcolm G., and Lipps, Jere H.	4	470
29. Loeblich, Alfred R., Jr., and Tappan, Helen— <i>Senegalinium Jain and Millipied, 1973, correct name for Alterbia Lentini and Williams, 1975, a dinoflagellate</i>	3	368
30. Longoria, J. F.— <i>On the taxonomic status of some tubulospinose Globotruncana from the Campanian of Mexico</i>	3	365
31. Maddocks, Rosalie— <i>Anatomy of Australoecia (Pontocyprididae, Ostracoda)</i> McIntyre, Andrew—see: Okada, Hisatake, and McIntyre, Andrew	2	206
32. Mikkelsen, Naja— <i>Silica dissolution and overgrowth of fossil diatoms</i>	2	223
33. Neagu, Theodor— <i>News report: Rumania</i>	2	238
34. Nigrini, Catherine— <i>Tropical Cenozoic Artostrobiidae (Radiolaria)</i>	3	241
35. Okada, Hisatake, and McIntyre, Andrew— <i>Modern coccolithophores of the Pacific and North Atlantic Oceans</i>	1	1
36. Pessagno, Emile A., Jr.— <i>Upper Jurassic Radiolaria and radiolarian biostratigraphy of the California Coast Ranges</i>	1	56
37. Pokorný, Vladimír— <i>News report: Czechoslovakia</i>	4	488
38. Rade, J.— <i>Tertiary biostratigraphic zonation based on calcareous nannoplankton in eastern Australian nearshore basins</i> Riedel, W. R.—see: Edgerton, C. C., Doyle, P. S., and Riedel, W. R.	3	270
39. Said, Rushdi— <i>News report: Egypt</i>	2	235
40. Saito, Tsunemasa, and Biscaye, Pierre E.— <i>Emendation of Riveroinella martinezpicoi Bermúdez and Seiglie, 1967, and synonymy of Riveroinella with Cassigerinella Pokorný, 1955</i> Sarjeant, William A. S.—see: Stover, Lewis E., Sarjeant, William A. S., and Drugg, Warren S. Spindler, Michael—see: Bé, Allan W. H., Hemleben, Christoph, Anderson, O. Roger, Spindler, Michael, Hacunda, John, and Tuntivate-Choy, Saijai	3	319
41. Stover, Lewis, Sarjeant, William A. S., and Drugg, Warren S.— <i>The Jurassic dinoflagellate genus Stephanelytron: emendation and discussion</i> Tappan, Helen—see: Loeblich, Alfred R., Jr., and Tappan Helen Tuntivate-Choy, Saijai—see: Bé, Allan W. H., Hemleben Christoph, Anderson, O. Roger, Spindler, Michael, Hacunda, John, and Tuntivate-Choy, Saijai	3	330
42. Van Couvering, John A.— <i>Review</i>	2	227
43. Wilkinson, I. P.— <i>Euryptycythere dorsicristata, a new species of Ostracoda from the Lower Cretaceous of Hunstanton, Norfolk, England</i>	4	478

# Subject index

NOTE: Names of new taxa are set in **bold-face** type. Numbers in parentheses refer to papers listed in the author index.

- A**critarchs  
*Acanthodiacerodium rauscheri*  
 Definition of (9)  
*Acanthodiacerodium tadiense*  
 Definition of (9)  
*Acanthodiacerodium vavrdovae*  
 Definition of (9)  
*Anomaloplaism tappaniae*  
 Definition of (9)  
*Arbusculidium gratiosum*  
 Definition of (9)  
*Arbusculidium sutile*  
 Definition of (9)  
**B**arakella  
 Definition of (9)  
*Barakella felix*  
 Definition of (9)  
*Barakella fortunata*  
 Definition of (9)  
*Comaspaeridium denseprocessum*  
 Definition of (9)  
*Comaspaeridium pratulum*  
 Definition of (9)  
*Comaspaeridium tonsum*  
 Definition of (9)  
*Dactylofusa conata*  
 Definition of (9)  
**E**ricanthea  
 Definition of (9)  
*Ericanthea pollicipes*  
 Definition of (9)  
*Eupoikilofusa ergatoides*  
 Definition of (9)  
*Micrhystridium acuminosum*  
 Definition of (9)  
*Micrhystridium ? mammulatum*  
 Definition of (9)  
*Multiplicisphaeridium consolator*  
 Definition of (9)  
*Multiplicisphaeridium delicatum*  
 Definition of (9)  
*Multiplicisphaeridium ellipticum*  
 Definition of (9)  
*Multiplicisphaeridium inconstans*  
 Definition of (9)  
*Multiplicisphaeridium longistipitatum*  
 Definition of (9)  
*Multiplicisphaeridium multipugionculatum*  
 Definition of (9)  
 Ordovician  
 Occurrence in Cis-Saharan Morocco (9)  
*Pirea ornatissima*  
 Definition of (9)
- Protosphaeridium fuscipetiolatum*  
 Definition of (9)  
*Solisphaeridium solare*  
 Definition of (9)  
*Solisphaeridium solidispinosum*  
 Definition of (9)  
*Tectitheca cucullucium*  
 Definition of (9)  
*Actinomma haysi*  
 Holocene  
 Occurrence in Atlantic Ocean (3)  
 Algae, calcareous  
 Miocene (Tortonian)  
 Occurrence in Tziqlag Formation, Israel (6)  
 Arctic Ocean  
 Ostracoda, benthic  
 Distribution (25)  
 Arenigian, late  
 Acritarchs  
 Occurrence in Cis-Saharan Morocco (9)  
 Argentina  
 News report (5)  
 Atlantic Ocean  
*Actinomma haysi*  
 Occurrence in Holocene (3)  
 Coccolithophores  
 Modern (35)  
 Australia, eastern  
 Nannoplankton, calcareous  
 Occurrence in Tertiary (38)  
 Australia, Western  
 Foraminifera, planktonic  
 Occurrence in Toolonga Calcilite (23)  
**B**iostratigraphic zonation  
 Tertiary  
 Australian nearshore basins (38)  
 Biostratigraphy, radiolarian  
 Upper Jurassic  
 California Coast Ranges (36)  
**C**alifornia  
 Foraminifera, benthonic  
 Occurrence in Russian River estuary (20)  
 Radiolaria  
 Occurrence in Upper Jurassic (36)  
 Cenozoic, tropical  
 Radiolaria  
 Artostrobiidae (34)  
 Coccolithophores  
*Alisphaera unicornis*  
 Definition of (35)
- Calciosolenia? bimurata*  
 Definition of (35)  
*Crenalithus parvulus*  
 Definition of (35)  
*Crenalithus punctatus*  
 Definition of (35)  
*Gephyrocapsa crassipons*  
 Definition of (35)  
*Helicosphaera pavimentum*  
 Definition of (35)  
*Helladosphaera fastigata*  
 Definition of (35)  
 Modern  
 Occurrence in Pacific and North Atlantic (35)  
*Syracosphaera ampliora*  
 Definition of (35)  
*Syracosphaera borealis*  
 Definition of (35)  
*Syracosphaera corrugis*  
 Definition of (35)  
*Syracosphaera epigrosa*  
 Definition of (35)  
*Syracosphaera exigua*  
 Definition of (35)  
*Syracosphaera protrudens*  
 Definition of (35)  
*Syracosphaera rotula*  
 Definition of (35)  
*Umbilicosphaera angustiforamen*  
 Definition of (35)  
*Umbilicosphaera maceria*  
 Definition of (35)  
 Comments and errata (12, 13, 14)  
 Cretaceous  
 Ostracoda  
 Occurrence in England (43)  
 Czechoslovakia  
 News report (37)
- D**iatoms  
 Fifth International Symposium  
 Notice of (16)  
 Silica dissolution  
 Pliocene (32)  
 Size changes in  
 Equatorial Pacific (8)  
 Dinoflagellates  
*Senegalium*  
 Correct name for *Alterbia* (29)  
**S**tephanelytraceae  
 Definition of (41)  
*Stephanelytron*  
 Emendation and discussion (41)  
 Directory of correspondents (15)

<b>Egypt</b>	<b>Israel</b>	<b>Euryptycythere dorsicristata</b>
news report (39)	Algae, calcareous	Definition of (43)
<b>England</b>	Occurrence in Miocene (Tortonian) (6)	Lower Cretaceous
Ostracoda		Occurrence in England (43)
Occurrence in Cretaceous (43)		<b>Paracytherois chukchiensis</b>
<b>English Channel</b>		Definition of (25)
Foraminifera, planktonic		<b>Parakrithella? minuta</b>
Occurrence in lower Miocene (24)		Definition of (25)
<b>Foraminifera</b>		<b>Pedicythere neofluitans</b>
Upper Cretaceous		Definition of (25)
Occurrence in Mexico (30)		<b>Polycope? arcys</b>
Foraminifera, benthonic		Definition of (25)
California		<b>Polycope bireticulata</b>
Occurrence in Russian River estuary (20)		Definition of (25)
Foraminifera, planktonic		<b>Polycope bispinosa</b>
<i>Dicarinella elata</i>		Definition of (25)
Definition of (28)		<b>Polycope horrida</b>
<i>Globotruncana dentata</i>		Definition of (25)
Definition of (23)		<b>Polycope inornata</b>
Indian Ocean		Definition of (25)
Occurrence in live and fossil assemblages (2)		<b>Polycope? moenia</b>
Living		Definition of (25)
Laboratory and field observations (1)		<b>Polycope semipunctata</b>
<i>Marginotruncana pileoliformis</i>		Definition of (25)
Definition of (28)		<b>Pacific Ocean</b>
<i>Marginotruncana scorponis</i>		Coccolithophores
Definition of (28)		Modern (35)
Miocene, lower		Diatoms
Occurrence in English Channel (24)		Size changes in (8)
Paleogene and Neogene		Paleogene
Problems in (4)		Foraminifera, planktonic
<i>Protentella clavaticamerata</i>		Correlations based on (4)
Definition of (24)		Paleontologia y bioestratigrafia
<i>Riveroinella martinicensis</i>		Congreso I y Congreso II
Emendation of (40)		Notice (18)
Toolonga Calcilitute		Penrose Conference
Occurrence in Western Australia (23)		Notice of (19)
Turonian		Philippines
Occurrence in northern Spain (28)		News report (21)
<b>Globotruncana, tubulospinose</b>		Pliocene
Campanian		Diatoms, fossil
Occurrence in Mexico (30)		Silica dissolution and overgrowth (32)
<b>Holocene</b>		<b>Radiolaria</b>
<i>Actinomma haysi</i>		<b>Acanthocircidae</b>
Occurrence in Atlantic Ocean (3)		Definition of (36)
<b>Ichthyoliths</b>		<i>Actinomma haysi</i>
Age determinations of		Definition of (3)
Deep Sea Drilling Project cores (10)		<i>Archaeodictyonita rigida</i>
<b>Indian Ocean</b>		Definition of (36)
Planktonic foraminifera		<i>Archaeospongoprunum imlayi</i>
Occurrence in live and fossil assemblages (2)		Definition of (36)
<b>Ostracoda</b>		<i>Artostrobiidae</i>
<i>Australoecia atlantica</i>		Cenozoic, tropical (34)
Definition of (31)		<i>Crucella (?) corralitosensis</i>
<i>Cytheropteron bronwynae</i>		Definition of (36)
Definition of (25)		<i>Crucella sanfilippae</i>
<i>Cytheropteron? medistriatum</i>		Definition of (36)
Definition of (25)		<i>Emiluvia hopsoni</i>
<i>Cytheropteron? nealei</i>		Definition of (36)
Definition of (25)		<i>Emiluvia salensis</i>
Distribution		Definition of (36)
Central Arctic Ocean (25)		

<b>Hsuum</b>	Definition of (36)
<i>Hsuum cuestaensis</i>	Definition of (36)
<i>Hsuum maxwelli</i>	Definition of (36)
<i>Hsuum obispoensis</i>	Definition of (36)
<i>Hsuum</i> sp. aff. <i>H. maxwelli</i>	Definition of (36)
<i>Hsuum (?) stanleyensis</i>	Definition of (36)
<b>Mirifusus</b>	Definition of (36)
<i>Mirifusus baileyi</i>	Definition of (36)
<i>Mirifusus guadalupensis</i>	Definition of (36)
<b>Napora</b>	Definition of (36)
<i>Napora bukryi</i>	Definition of (36)
<i>Napora losensis</i>	Definition of (36)
<b>Obesacapsula</b>	Definition of (36)
<i>Obesacapsula morroensis</i>	Definition of (36)
<b>Orbiculiforma</b>	Definition of (36)
<i>Orbiculiforma lowreyensis</i>	Definition of (36)
<i>Orbiculiforma mclaughlini</i>	Definition of (36)
<b>Pantanellium</b>	Definition of (36)
<i>Pantanellium riedeli</i>	Definition of (36)
<i>Paronaella bandyi</i>	Definition of (36)
<i>Paronaella bronnimannii</i>	Definition of (36)
<i>Paronaella (?) casmaliensis</i>	Definition of (36)
<b>Paronaella elegans</b>	Definition of (36)
<i>Paronaella (?) exotica</i>	Definition of (36)
<i>Paronaella (?) hayi</i>	Definition of (36)
<i>Paronaella mulleri</i>	Definition of (36)
<i>Paronaella (?) purisimaensis</i>	Definition of (36)
<b>Parvicingula</b>	Definition of (36)
<i>Parvicingula blowi</i>	Definition of (36)
<i>Parvicingula hsuui</i>	Definition of (36)
<i>Parvicingula (?) procera</i>	Definition of (36)
<i>Parvicingula santabarbaraensis</i>	Definition of (36)
<b>Parvingulidae</b>	Definition of (36)
<i>Phormostichoartus fistula</i>	Definition of (34)
<i>Portobursa berggreni</i>	Definition of (36)
<b>Saitoum</b>	Definition of (36)
<i>Saitoum pagei</i>	Definition of (36)
<b>Siphostichartus</b>	Definition of (34)
<i>Siphostichartus praecorona</i>	Definition of (34)
<i>Spirocyrts gyrosclaris</i>	Definition of (34)
<i>Spirocyrts subscalaris</i>	Definition of (34)
<b>Spongocapsula</b>	Definition of (36)
<i>Spongocapsula palmerae</i>	Definition of (36)
<b>Spongocapsulidae</b>	Definition of (36)
<i>Trilanche (?) ordinaria</i>	Definition of (36)
<i>Tripocyclia blakei</i>	Definition of (36)
<i>Tripocyclia jonesi</i>	Definition of (36)
Upper Jurassic	Occurrence in California Coast Ranges (36)
Reviews	International Stratigraphic Guide (42)
	Recent foraminifera (26)
	Response to (22)
Rumania	News report (33)
<b>Spain</b>	Foraminifera, planktonic Occurrence in the Turonian (28)
Spores	<i>Atopospora</i> replacement name for <i>Ceuthospora</i> (7)
Syrian Arab Republic	News report (17)
<b>Tertiary</b>	Nannoplankton, calcareous Occurrence in eastern Australia (38)
Toolonga calcilitute	Foraminifera, planktonic Occurrence in Western Australia (23)
Turonian	Foraminifera, planktonic Occurrence in northern Spain (28)

